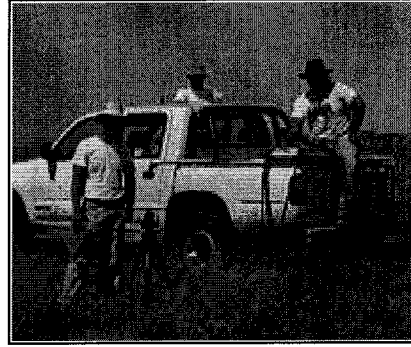




## Theodore von Kármán 2001 Lecture Series



### Adventures in Africa: Earth Science Fieldwork for JPL

presented by Mark Helmlinger  
Field Researcher, Earth and Space Sciences Division

Thursday, January 25, JPL, 4800 Oak Grove Dr., Pasadena  
Friday, January 26, The Forum at Pasadena City College,  
1570 East Colorado Blvd.  
Both lectures begin at 7 p.m.

Admission is free. Seating is limited.  
For more information, call (818) 354-0112.

Our home planet is constantly being monitored by JPL instruments such as the Multi-angle Imaging SpectroRadiometer (MISR), currently orbiting Earth aboard the Terra spacecraft. Ground-based verification and calibration measurements are an essential part of accurate remote sensing of the Earth. Mark Helmlinger has been doing this kind of verification for more than a decade.

His latest assignment, as part of MISR's participation in the SAFARI2000 international field campaign, involved seven weeks of fieldwork in southern Africa. Throughout Namibia, Botswana and South Africa, Helmlinger and his team made "ground truth" measurements underneath the Terra spacecraft. For the first lecture of our fifth season, he will share his digital movies and images from his recent fieldwork, highlighting the many interesting places, people and situations he encountered while pursuing JPL's scientific objectives in this unique and challenging region of the world.

